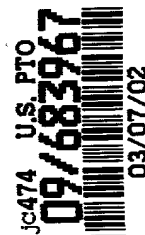


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 14143
Application ID: 09683967
Title of Invention: MICROMACHINED LYSING DEVICE
AND METHOD FOR PERFORMING
CELL LYSIS
First Named Inventor: Douglas Sparks
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-03-07
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: A1-1423
Digital Certificate Holder: cn=Domenica N. S. Hartman, ou=Registered Attorneys, ou=Patent
and Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: L+APtGg2pRyeLdvct3ZD6w==
Total Fees Authorized: \$1794.0
Payment Category: DA - Deposit Account
Deposit Account Number: 80960
Deposit Account Name: Domenica N.S. Hartman



TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

A1-
1423

Submission Type: Utility Patent
Filing

MICROMACHINED LYSING DEVICE AND METHOD FOR PERFORMING CELL LYSIS

First Named Inventor: Mr. Douglas Ray Sparks

SUBMITTED BY

Name:

Mrs. Domenica N.S. Hartman

Registration Number:

32701

Electronic Signature Mark:

Date Signed: 20020307

Domenica N.S. Hartman

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

A1-1423-DEC-p1.tif

declaration

A1-1423-DEC-p2.tif

Comments:

1. The applicant has not provided a copy of the proposed project description, which is required for the review of the application. The applicant is requested to provide a copy of the proposed project description to the Department of the Environment and Heritage, 100 Macquarie Street, Sydney, New South Wales 2000, by the date of the next meeting of the Committee.

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

| | |
|--------------------------|--------------------|
| Attorney Docket Number | A1-1423 |
| First Named Inventor | Douglas Ray Sparks |
| COMPLETE IF KNOWN | |
| Application Number | |
| Filing Date | |
| Art Unit | |
| Examiner Name | |

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MICROMACHINED LYSING DEVICE AND METHOD FOR PERFORMING CELL LYSIS

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number [] and was amended on (MM/DD/YYYY) [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the U States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which prior claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority | | Certified Copy Attached | |
|-------------------------------------|---------|----------------------------------|--------------------------|--|--------------------------|--------------------------|
| | | | Not Claimed | | YES | NO |
| | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |


☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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| <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p> | | | | | | | |
| NAME OF SOLE OR FIRST INVENTOR: <input type="checkbox"/> | | | | A petition has been filed for this unsigned inventor | | | |
| Given Name Douglas Ray (first and middle [if any]) | | | | Family Name Sparks or Surname | | | |
| Inventor's Signature <i>Douglas Ray Sparks</i> | | | | Date 2/28/02 | | | |
| Whitmore Lake Residence: City | | | MI State | US Country | | US Citizenship | |
| Mailing Address 9024 Posey Dr. | | | | | | | |
| City Whitmore Lake | | | State MI | ZIP 48189 | | Country US | |
| NAME OF SECOND INVENTOR: <input type="checkbox"/> | | | | A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| Inventor's Signature | | | | Date | | | |
| Residence: City | | | State | Country | | Citizenship | |
| Mailing Address | | | | | | | |
| City | | | State | ZIP | | Country | |
| <input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto. | | | | | | | |

[Page 2 of 2]

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)
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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|--------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Douglas Ray Sparks |
| Title | MICROMACHINED ... |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | A1-1423 |

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|---------------------------|
| Name | Douglas Ray Sparks |
| Signature | <i>Douglas Ray Sparks</i> |
| Date | 2/28/02 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of one forms are submitted.

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1794

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Domenica N.S. Hartman

Electronic Signature Mark: Domenica N.S. Hartman

Date Signed: 20020307

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 53 | 103 | \$ 18 | 33 | \$ 594 |
| Independent Claims: 8 | 102 | \$ 84 | 5 | \$ 420 |

Subtotal For Extra Claims Fees: \$ 1014

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40